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Anti-GPR172A Antibody

Catalog # AP60803

Product Information

Application	WB
Primary Accession	Q9HAB3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45777

Additional Information

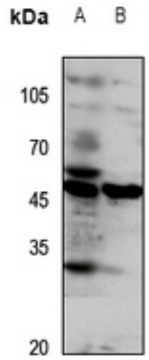
Gene ID	79581
Other Names	GPR172A; PAR1; RFT3; Solute carrier family 52, riboflavin transporter, member 2; Porcine endogenous retrovirus A receptor 1; PERV-A receptor 1; Protein GPR172A; Riboflavin transporter 3; hRFT3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GPR172A. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SLC52A2
Synonyms	GPR172A, PAR1, RFT3
Function	Plasma membrane transporter mediating the uptake by cells of the water soluble vitamin B2/riboflavin that plays a key role in biochemical oxidation-reduction reactions of the carbohydrate, lipid, and amino acid metabolism (PubMed:20463145, PubMed:22864630, PubMed:23243084, PubMed:24253200, PubMed:27702554). Humans are unable to synthesize vitamin B2/riboflavin and must obtain it via intestinal absorption (PubMed:20463145). May also act as a receptor for 4- hydroxybutyrate (Probable).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in brain, fetal brain and salivary gland. Weakly expressed in

other tissues.

Images



Western blot analysis of GPR172A expression in HEK293T (A), MCF7 (B) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 46 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.